

Patent Claims

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1. Process for producing formed cellulosic articles, such as fibres, filaments, sheetings, membranes or tubes, comprising
  - a) extruding a solution of cellulose in an aqueous amine oxide, particularly N-methylmorpholine N-oxide, through an extrusion die via an air gap and coagulating the formed article in an aqueous precipitation bath containing amine oxide, and
  - b) passing the formed article through at least one washing stage for removing residual amine oxide, characterized in that the liquor of the precipitation bath in the precipitation stage and/or the washing liquor of the washing stage(s) is treated with ultra-violet radiation.
2. Process according to claim 1 characterized in that an ultra-violet radiation having a wave length in the range from 200 to 280 nm is used.
3. Process according to claim 2 characterized in that the ultra-violet radiation has a wave length of 254 nm.
4. Process according to any of the claims 1 to 3 characterized in that the ultra-violet radiation is generated by a mercury low-pressure lamp.
5. Process according to any of the claims 1 to 4 characterized in that the UV treatment is limited to the liquors of the washing stage(s) having a temperature below 50°C.
6. Process according to any of the claims 1 to 5 characterized in that precipitation bath liquors or washing liquors having a Hazen color number  $H_z \leq 400$  is subjected to the UV treatment.

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